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| 1. Transformations | 1. Turns |
| 1. Rigid motion translations | 1. “geometry done with the mind” |
| 1. Translations | 1. Being able to |
| 1. Reflections | 1. When a shape can be folded on a line so that the two sides can match |
| 1. Rotations | 1. Two figures whose corresponding angles are congruent and corresponding sides are proportional |
| 1. Line symmetry | 1. Over, under, near, far, between, left, right |
| 1. Rotational symmetry | 1. Non-rigid transformation that produces similar figures |
| 1. Point symmetry | 1. Tessellation made of a single tile that is a regular polygon |
| 1. Composition | 1. Flips |
| 1. Similar | 1. When a shape can be rotated about a point and land in a position exactly matching the one in which it started |
| 1. Dilation | 1. Combination of two or more transformations |
| 1. Regular tessellation | 1. Slides |
| 1. Semi-regular tessellation | 1. Tessellation of two or more tiles each of which is a regular polygon |
| 1. Pentominoes | 1. A three-dimensional shape with polygons for all faces |
| 1. Location | 1. Movements that do not change the size or shape of an object |
| 1. Visualization | 1. Changes of position or size of a shape |
| 1. Polyhedron | 1. Shapes made from five squares, each square sharing at least one other square |
| 1. Platonic Solid | 1. Regular polyhedrons – each face is a regular polygon and every vertex has exactly the same number of faces joining at that point |